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PLD175TBT

Instruction Manual

CAR VIDEO SYSTEM
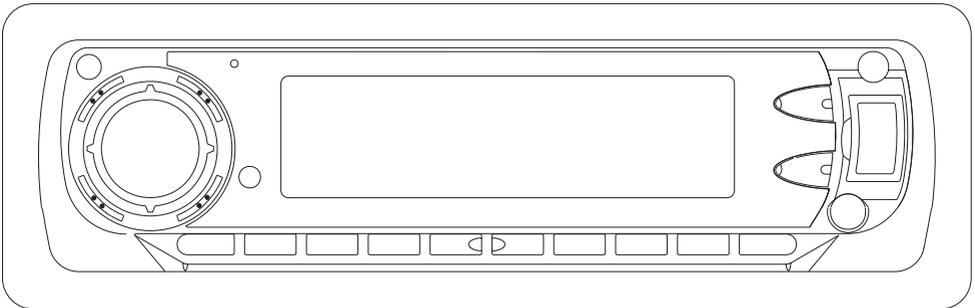
* DVD/VCD/MP4/MP3/CD/CD-R /CD-RW Compatible
* Anti-Shock Mechanism
* AM/FM 2 Band Radio
* Analogue TV Receiver
* Bluetooth Function
* PAL/NTSC Color System
* Flip Down Detachable Front Panel
* A/V Output & A/V Input
* Sub-woofer Function

CONTENTS

Safety Information

CAUTION:
Automotive DVD player is a class 1 laser product. However this car DVD player uses a visible/invisible laser beam which could cause hazardous radiation exposure if directed. Be sure to operate the car DVD player correctly as instructed.
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
Do not open covers and do not repair yourself. Refer servicing to qualified personnel.

WARNING:
- To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.
- To reduce the risk of fire or electric shock, and annoying interference, use only the recommended accessories.
- This device is intended for continuous operation.
 This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by macro vision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macro vision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macro vision Corporation. Reverse engineering or disassembly is prohibited.

Region Management Information
 Region Management Information: This automotive DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this car DVD Player, this car DVD Player cannot play this disc.

Discs you can play
You can playback the following discs-12CM on the receiver:
DVD VIDEO/DVD AUDIO
 VIDEO CD/AUDIO CD
MP3/WMA/JPEG/MPEG4

Handling and Cleaning
- Dirt, dust, scratches and warping discs will cause disoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent from damage.
- Do not place discs in the following places:
  1. Direct sunlight.
  2. Dirty, dusty and damp areas.
  3.Near car heaters.
  4.On the seats or dashboard.

Disc Cleaning
  Use a dry soft cloth to wipe the surface. If the disc is quite dirty, Use a soft cloth slightly moistures with isopropyl (rubbing) alcohol. Never use solvents such as benzene, thinner or conventional record cleaners as they may mar the surface of the disc.

Note:
  A disc may become somewhat scratched (although not enough to make it unusable) depending on the way it is handled and conditions in the usage environment. Note these scratches are not an indication of any problem with the player.

Label side up

Do not touch
the underside
of the disc

Do not bend

Wipe the disc from center
toward the outside edge
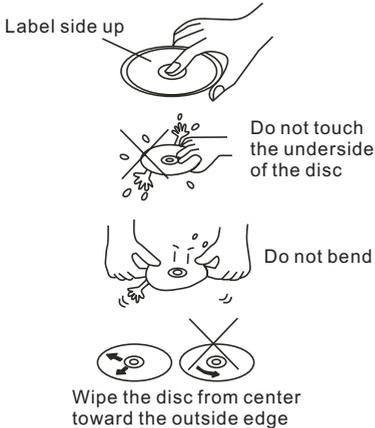
Preparing New Discs with Rough Spots
A new disc may have rough edges on its
inside and outside edges. If a disc with
rough edges is used, the proper setting
will not be performed and the player will
not play the disc. Therefore, remove the
rough edges in advance by using a
ballpoint pen or pencil as shown on the
below. To remove the rough edges, press
the side of the pen or pencil against the
inside and outside edges of the disc.

Rough spots on
outside edge

Ball point pen
or pencil

Rough spots on
inside edge
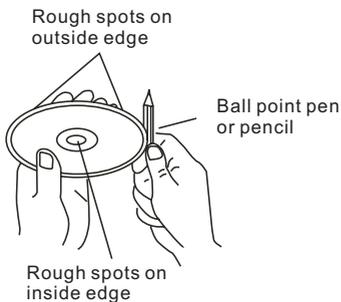
Installation

Notes:
- Choose the mounting location where the unit
will not interfere with the normal driving
function of the driver.
- Before finally installing the unit, connect the
wiring temporarily and make sure it is all
connected up properly and the unit and the
system work properly.
- Use only the parts included with the unit to
ensure proper installation. The use of
unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if
installation requires the drilling of holes or
other modifications of the vehicle.
- Install the unit where it does not get in the
driver's way and cannot injure the passenger if
there is a sudden stop, like an emergency
stop.
- If installation angel exceeds 30□from
horizontal, the unit might not give its optimum
performance
- Avoid installing the unit where it would
be subject to high temperature, such as
from direct sunlight, or from hot air, from
the heater, or where it would be subject to
dust, dirt or excessive vibration.

Din Front/Rear-Mount
This unit can be properly installed
either from 'Front' (conventional DIN
Front-mount) or 'Rear' (DIN Rear-mount
installation, utilizing threaded screw
holes at the sides of the unit chassis). For
details, refer to the following illustrated
installation methods.

Take Out Screw Before Installation
Before install the unit, please remove
the two screws.

Take out screws
before installation
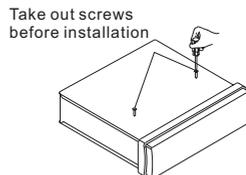
1. DIN Front-Mount(Method A)
Installing the unit
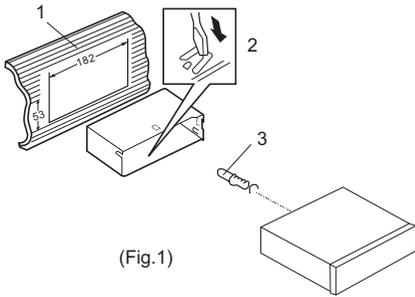
(Fig.1)

1. Dashboard
2. Hoder
   After inserting the holder into the
   dashboard, select the appropriate tab
   according to the thickness of the
   dashboard material and ben them
   inwards to secure the holder in place.
3. Screw
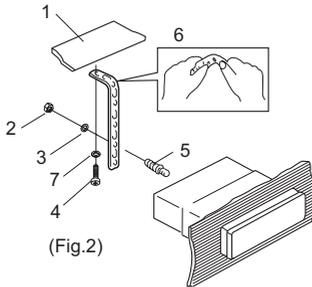
(Fig.2)

1. Dashboard
2. Nut (5mm)
3. Spring washer
4. Screw (5X25mm)
5. Screw
6. Strap
   Be sure to use the strap to secure the
   back of the unit in place. The strap can
   be bent by hand to the desired angle.
7. Plain washer

Removing the unit
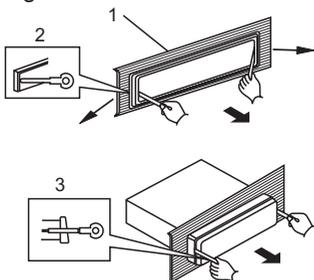
1. Frame
2. Release Frame Key
   Insert the release frame key into the
   groove at the right side of the frame,
   then prize out to remove the frame (You
   can also use the key to remove the
   frame from the left side.)
3. Release Unit Key
   After releasing the frame, insert the
   release unit keys supplied with the
   accessory into the grooves at both sides
   of the unit as shown in figure until they
   click. Pulling the keys makes it possible
   to remove the unit from the dashboard.

2. DIN Rear-Mount(Method B)
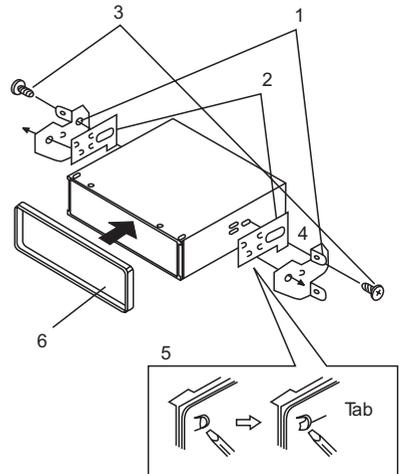
1. Factory-installed radio bracket
2. Car radio mounting bracket
3. Screw
4. After aligning the car radio mounting
   bracket with the factory-installed radio
   bracket, tighten the screws (M5X4mm)
   at 2 places on each side.
5. When fixing factory-installed radio
   bracket with the screws, use a
   standard-tipped screwdriver to pry the
   tabs of the car radio mounting bracket
   to make them fit into holes in the
   factory-installed radio bracket.
6. Movable panel frame.

3

Wiring Diagram

White to Rear Lch RCA output

Red to Rear Rch RCA output

Green to SUB-Woofer output

TV Socket

Bluetooth Antenna

ANTENNA Socket

White to Front Lch RCA output

Red to Front Rch RCA output

Yellow to Video output 1

Yellow to Video output 2

Violet Rear Right **+**	Yellow to Battery B**+**
Violet/Black Rear Right **-**	Black to GND B**-**
Grey Front Right **+**	Red to ACC
Grey/Black Front Right **-**	Blue to ANT
White Front Left **+**	Green Rear Left **+**
White/Black Front Left **-**	Green/Black Rear Left **-**

4

Operation

Location and Function of Keys

43 AV IN

To connect with mobile audio
or video system by the cable
(included in unit)
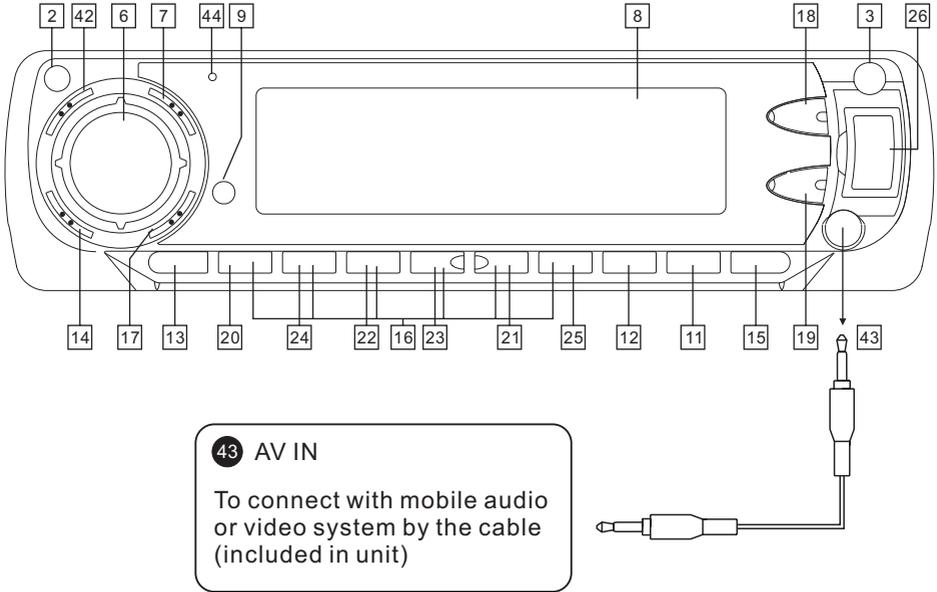
When you press ⏏ button (3) and the front panel flip down:

Remote control:

Preparing The Remote Control

When using the Remote Control
* Before you using the remote control, please take the transparent insulator slice off the bottom of remote control.
* Point the remote control at the remote sensor (9) within 2 meters.
* It may not be possible to operate the remote control if the remote control sensor is exposed to direct sunlight.
* Operation angle: about ±30°in each the direction of the front of the remote sensor.
* The remote control is a small, lightweight precision device. To avoid damage, short battery life, operational errors and poor response, observe the following.
   - Do not subject the remote control to excessive shock.

   - Do not put in a trouser pocket.
   - Keep away from food, moisture and dirt.
   - Do not place in direct sunshine.

Battery replacement
Battery type: a button cell lithium battery (CR2025 3V)
1. Remove the battery holder by pressing the locking tab with your thumb and pulling it out.
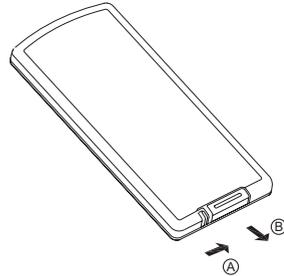
2. Replacing the battery
Replace the battery with the same type and the (+) side facing up.
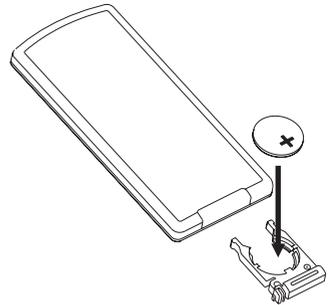
3. Closing the cover
Gently push in the holder until securely locked into place.

Using The Detachable Front Panel

### REMOVING AND PROTECTING DETACHABLE FRONT PANEL.

The front panel of the unit may be removed as a theft deterrent. After removing the front panel, use the case provided to keep the front panel from getting damaged.

1. Press the Open ⏏ button (3) to flip down the front panel.


open button
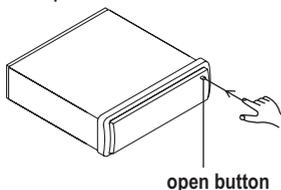
2. Grasp the right side of the front panel, then gently push the front panel towards the left side before pulling it out from the unit.
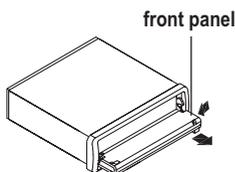
front panel

3. Store the front panel in the protective case provided for safe keeping.

PROTECTIVE CASE
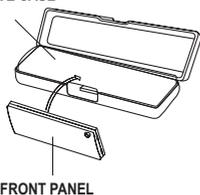
FRONT PANEL

TO ATTACH THE FRONT PANEL

Hold the right side of the front panel with the plate facing down.
First attach the left side of the front panel to the unit by inserting the hole into the left holder.
Then slightly push it leftwards and attach the right side hole into the right holder.
Finally push up the front panel.
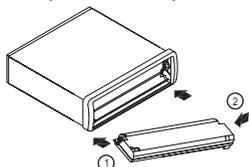
General Operation

Initial System Start-Up
Be sure to press the **RESET** button (1) when using the unit for the first time, after all connections are completed correctly.
1. Turn off the unit power.
2. Press **RESET** with a ballpoint pen or similar pointed object.

Turning Power On And Off
Turn on the unit by pressing any button (except ⏏ button (3) and ⏏ button (5)) or inserting a disc to disc slot (4).
When system is on, press ⏻ button (2) to turn off the unit.

Loading/Removing a Disc
1. Press ⏏ button (3) to flip down the front panel.
2. Insert the disc into the disc slot (4) with the printed side facing up; the player will play the disc automatically.
Whenever press ⏏ button (5) to eject the disc.

Adjusting sound quality
- **Adjusting the volume level**
Rotate the **VOL** button (6) or press **VOL (+/-)** button (6) to adjust the volume level.
- Adjusting Bass /Treble /Balance /Fader/EQ/Loud/Subwoofer
1. Press **VOL** button (6) repeatedly to choose the desired mode.
∗ **Remote control operation:**
Press **Menu** button (36) and then press ▲/▼ button (29) to choose the desired mode.
Each pressing the button changes the modes as follows:

Volume level:00 ~ 63
Bass level: -07 ~ +07
Treble level: -07 ~ +07
Balance: 15L ~ 15R
Fader: 15R ~ 15F
EQ: Flat, Classic, Pop, Rock
Loudness: ON/OFF

7

Sub-woofer: ON/OFF
2. Rotate the **VOL** button to choose the desired item.
 ＊**Remote control operation**：
 Press ◄/► button (29) to choose the desired item.

Display/Adjust Time
1. Displaying time:
Press **DISP** button (7) to show current information and time on the LCD, and it returns to original status after 5 seconds.
2. Adjusting time:
1). Press and hold **DISP** button (7) until the clock blinking.
2). Press ⑄/⑅ or ◄/► button to move to between hour area and minute area.
3). Rotate **VOL** button (6) or ▲/▼ to adjust hour or minute.

LCD Display (8)
Exhibit current information and activated functions on the LCD display (8).

Remote Sensor
Point the remote control handset to the remote sensor **IR** (9). Press the function keys on the handset to control the system.

Flashing Led (10)
The led display will flash if the front cover is not inserted into the main unit.

ESP function
If the unit has the electronic shockproof function, it can be shockproof about several seconds:
 CD, VCD: 18 seconds.
 MP3: 160 seconds.
 DVD: 6 seconds.
 MPEG4: 20 seconds.
Loudness on/off
Loudness introduces a special low- and high-frequency emphasis at low listening levels. This compensates for the ear's decreased sensitivity to bass and treble sound. Press **LOUD** button (11) to switch loudness on/off.
Equalization
Press **EQ** button (12) to turn on

equalization function and to select desired audio mode. There are four kinds of mode as below:

```
 ┌─► EQ FLAT ─► EQ CLAS ─┐
 └─ EQ ROCK ◄─ EQ POP ◄─┘
```

Mute Function
Press **MUTE** button (2) to silence the sound instantly, press it again to resume previous volume level.

Mode Function
Press **MODE** button (13) to switch to the desired mode.
The mode will change every time the button is pressed.

DISC/USB/SD ➔ TV ➔ AV IN ➔ TUNER

Last Position Memory
- During disc playback, if you press ⏻ button (2) to turn off the unit and then press the button again to turn on the unit, the DVD unit will resume playing from the point that it was interrupted.
- During disc playback, if you press **MODE** button (13) to switch to other mode, and then return to DVD/VCD mode again, the unit will resume playing from the point that it was interrupted.

Sub-Woofer Function
This unit is equipped with a sub-woofer output jack. When a sub-woofer is connects to this unit. Press **VOL** button (6) repeatedly to select SUBW and then rotate **VOL** button to turn sub-woofer output on or off.

Reset Function
RESET button on the housing must be activated with either a ballpoint pen or thin metal object. The **RESET** button (1) is to be activated for the following reasons:
- Initial installation of the unit when all wiring is completed.
 - All the function buttons do not operate.

- Error symbol on the display.
Note:
If press **RESET** button(1), the unit can't work yet, please use a cotton swab soaked in isopropyl alcohol to clean the disc socket.

Radio Operation

Selecting The Frequency Band
Press **BAND** button (14) shortly to select the desired band. The reception band will change between FM and AM.

Stereo/Mono
Press **ST** (15) or **MO/ST** on the remote control to select mono/stereo mode.

Local/Distant
Press **ST**/**LOC** (15) for several seconds or **LO/DX** on the remote control to select between local and distant stations. LOCAL setting for reception of strong signal station, and DISTANT setting for reception of weaker signal stations.

Selecting Station
- Press preset **1-6** button (16) to select a station which had been stored in the memory.
- Press ►►/◄◄ for several seconds until "MANUAL" appears on the display, and then press ►►/◄◄ button to select a station. If both buttons have not been pressed for several seconds, they will return to automatic seek mode .

Automatic Memory Storing & Program Scanning
- Automatic memory storing
Press **AS/PS** button (17) for several seconds, the radio searches from the current frequency and checks the signal strength until one cycle search is finished. And then 6 strongest stations are stored into the corresponding preset number button.
- Program scanning
Press **AS/PS** button (17) shortly to scan preset station. When the field strength level is more than the threshold level of

stop level, the radio is holding at that preset number for several seconds with release mute, and then searches again.

Station Storing
- Press ►►/◄◄ button to activate automatic seek mode.
- In manual mode, press ►►/◄◄ button to select a station.
Press preset **1-6** button (16) for several seconds to store current station into the number button.

CD/MP3 Operation

Playback
1. Gently insert a disc with the label side facing up; the disc will be pulled into the unit automatically. The disc playback begins.

2. For CD:

```
CD   TRK 5/26   ◁╟       ◁X  ⊕ 00:01:22
```
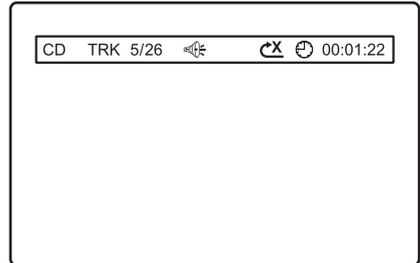
3. For MP3：
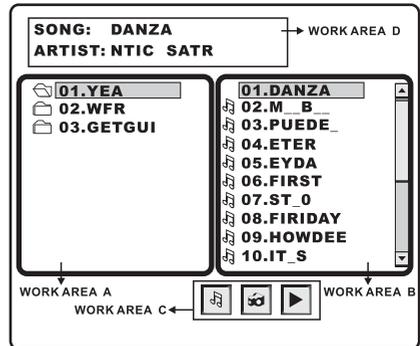
1). Press ◄/► button to move between work area A, B and C.
2). Press ▲/▼ button to select the desired folder or file of this work area.
3). Press **ENTER** button (30) to confirm the selected item.

9

Selecting Tracks In Single Step
–Press ◄◄ button (18) or ►►| button (19) to skip to the previous track or the next track. Track number shows on display.
–Press and Hold ◄◄ button (18) or ►►| button (19) to fast reverse or fast forward. It return to normal mode when you release the button.

Pause Playback
Press ►|| button (20) to pause CD/MP3 playing. Press it again to resume playback.

Stopping playback
- Briefly press the ■ button (21) to stop the unit playback. When the ■ button (21) is pressed and then press ►|| button(20), resume to the normal playback.
- Press ■ button (21) twice and then press ►|| button (20) to stop the playback and go back to beginning of the disc.

Fast-Forward / Fast-Reverse
1. Fast-Forward
Press ►► button (35) during playback. Each time the button is pressed, the speed of fast-forward changes according to the disc as follows:

FORWARD 2X→4X→8X → 20X

In fast-forward state, press ►|| button (20) to recover normal playback.
2. Fast-Reverse
Press ◄◄ button (34) during playback. Each time the button is pressed, the speed of fast-reverse changes according to the disc as follows:

BACKWARD 2X◄◄→4X◄◄→8X◄◄→20X ◄◄

In fast-reverse state, press ►||button (20) to recover normal playback.

Repeat Play/ Paragraph Repeat Play
- Repeat play:
When you want to repeat play whole disc, a track or a directory in the disc.
1) Press **RPT** button (22) repeatedly to select different repeat modes.
2) For different kinds of discs, pressing **RPT** button (22)has different effects.
For CD:

REP 1 → REP ALL → REP OFF

For MP3:

REP 1→REP DIR→REP ALL → REP OFF

NOTES:
REP 1: Only the current track (file) is repeatedly playing.
REP DIR: Only tracks (files) in the current folder are repeatedly playing.
REP ALL: Current disc is repeatedly playing.
REP OFF: The mode returns to normal playback.
- Paragraph Repeat Play:
When you want to repeat play a desired paragraph. A-B repeat allows a passage to be repeated continuously.
Press **A-B** button (27) first at the start of the required passage.

REPEAT A-

Press **A-B** button (27) secondly at the end of the passage.

REPEAT A-B

Then the unit will repeat playing the passage you just set from A to B.
To revert to normal playback, press **A-B** button again.

REPEAT CANCEL

Playing In Random Sequence
Press **RDM** button to toggle the random mode on/off. If the random mode is on, tracks (files) on the disc will be play in random sequence.

Previewing All Tracks
Press **INT** button (24) to play first several seconds of each track on the current disc. Press the button again to stop intro and return to normal mode.

DVD/VCD Operation

Playback with PBC Menu
For some VCD or SVCD discs, there is
menu in order to select the deired
contents. This menu is called PBC
(Playback Control) menu.
Press **PBC** button (37) to toggle between
PBC ON and PBC OFF.
In PBC ON mode, REPEAT, RANDOM, A-
B, PROGRAM and GOTO functions are
void.

Playback With Menu
If the DVD disc or VCD/SVCD discs has a
menu system, and the PBC (Playback
Control) setting is on, you can display the
menu which allow you to select the
program to playback by pressing
TITLE/PBC button (37).
1. Move the cursor buttons (▲/▼,◄/►) to
highlight the item you wish to select.
2. Press **ENTER** button (30) to select this
item.
Some discs offer a series of menus which
with a wide variety of choices. You can
continue to navigate the menu further
using a combination of the cursor buttons
(▲/▼, ◄/►) and the **ENTER** button (30).

Pausing playback
1. During playback, Press ▶❙❙ button (20),
the image or sound pauses temporarily.
2. Press the ▶❙❙ button (20) again to
resume playback.

Stopping Playback
 – Briefly press the ■ button (21) to stop
the unit playback. When the ■ button is
pressed and then press ▶❙❙ button（20）,
resume to the normal playback.
 – Press ■ button (21) twice and then
press ▶❙❙ button（20）to stop playback
and go back to the initial track/chapter.

Fast-Forward / Fast-Reverse
1. Fast-Forward
Press the▶▶button (35) during playback.
Each time the button is pressed, the
speed of fast-forward changes according
to the disc as follows:

FORWARD 2X→4X→8X→20X

In fast-forward state, press ▶❙❙button (20)
to recover normal playback.
2. Fast-Reverse
Press ◄◄ button (34) during playback.
Each time the button is pressed, the
speed of fast-reverse changes according
to the disc as follows:

BACKWARD 2X ◄◄→ 4X ◄◄→ 8X ◄◄→ 20X ◄◄

In fast-reverse state, press▶❙❙button (20)
to recover normal playback.

Repeat Play/ Paragraph Repeat Play
 - Repeat play:
When you want to repeat play whole disc,
a track or a chapter in the disc.
1) Press **RPT** button (22) repeatedly to
select different repeat modes.
2) For different kinds of discs, pressing
RPT button (22) has different effects.
For DVD:

REP CHAPTER → REP TITLE → REP OFF

For VCD/SVCD:

REP 1 → REP ALL → REP OFF

NOTES:
REP 1: Only current track (file) is
repeatedly play.
REP CHAPTER: The current chapter is
repeatedly play.
REP TITLE: The title is repeatedly play.
REP ALL: A disc is repeatedly play.
REP OFF: The mode returns to normal
playback.
 * Repeat feature does not support VCD
2.0 (PBC is on).
 - Paragraph Repeat Play:
When you want to repeat play a desired
paragraph. A-B repeat allows a passage
to be repeated continuously.
Press **A-B** button (27) first at the start of
the required passage.

REPEAT A-

Press **A-B** button secondly at the end of
the passage.

REPEAT A-B

Then the unit will repeat playing the
passage you just set from A to B.

To revert to normal playback, press **A-B** button again.

(REPEAT CANCEL)

Finding The Beginning of Chapters or tracks (Files)
Use this function to easily move to the beginning of the chapters or tracks (files) on the disc.
During playback, each time press ▶▶ button (18) or ◀◀ button (19) to skip and play the chapter /track.
▶▶: Press the button to start playback from the beginning of the next chapter or track (file).
◀◀: Press the button to start playback from the beginning of the previous chapter or track (file).
Note:
1. Some DVDs do not have chapters.
2. For some VCD2.0 discs (PBC control), ▶▶/◀◀,◀◀/▶▶buttons may be void.

Searching Directly by Chapter or Track Number
Use this function to easily move to the beginning of the chapters or tracks (files) on the disc.
* This operation is performed by the remote control unit.
1. During playback, pre-stop or pause, input the chapter or track number you want using the numeric keypad ("**0**" to "**9**").
2. Waiting for a little.
Playback starts from the selected chapter or track.
* This function cannot be used on discs which no chapter numbers are recorded.

Playing In Random Sequence
Press **RDM** button to switch the random mode on/off.If the random mode is on, tracks (files) on the disc will be play in random sequence.
On Screen Display Function
Press the **SUB-T** button (38) for several seconds during playback to display the console information of the current disc on the screen.
FOR DVD:
Press **SUB-T** button (38) for several seconds continually, you will see the information as the following order.

| DVD | TT 1/2 | CH 1/1 | 🕐 | 00:00:25 |

| ◯)) 1/1 ENG | 🔲 5.1CH | ▭ 1/4 ENG | OFF |

| DVD | TT 1/2 | CH 1/1 | C | -00:10:08 |

| DVD | TT 1/2 | CH 1/1 | T | 00:46:37 |

| DVD | TT 1/2 | CH 1/1 | T | -00:25:01 |

| DVD | TT 1/2 | CH 1/1 | C | 00:05:04 |

1)TT
Display the current title number and total title number.
2)CH
Display the current chapter number and total chapter number.
3)🕐
Display the played times of the whole disc.
4)C-:
Display the remaining times of the current chapter.
5)T:
Display the played times of the current title.
6)T-:
Display the remaining times of the current title.
7)C:
Display the played times of the current chapter.
8) | ◯)) 1/1 ENG | 🔲 5.1CH | ▭ 1/4 ENG | OFF |

Display the current disc language, audio type, subtitle language and play angle.
For VCD:
The meaning of the menu is the same with the DVD menu above.

| VCD TRK 9/18 | ◁) PBC ⟲X | 🕐 | 00:00:12 |

| VCD TRK 9/18 | ◁) PBC ⟲X | C | -00:00:12 |

| VCD TRK 9/18 | ◁) PBC ⟲X | T | 00:00:12 |

| VCD TRK 9/18 | ◁) PBC ⟲X | T | -00:00:12 |

| VCD TRK 9/18 | ◁) PBC ⟲X | 🕐 | -00:00:12 |

GOTO Function
Press **GOTO** button, the screen will display the following message:
FOR DVD:

DVD TT 01/12 CH 001/001 ⏱ 00:00:39

Use the number keys (32) to input the desired Title, Chapter or Time, and then press **ENTER** button (30) to confirm.
FOR VCD:

VCD TRK 09/18 ⫸ PBC ⌧ ⏱ 00:00:12

Use the number keys (32) to input the Track and Time then press **ENTER** button (30) to confirm.

ZOOM Function
Press **ZOOM** button (28) to enlarge or reduce the size of image according to the disc as follows.

ZOOM 2 → ZOOM 3 → ZOOM 4 → ZOOM 1/2
→ ZOOM 1/3 → ZOOM 1/4 → ZOOM OFF

In zoom in state, press ▲/▼, ◄/► buttons (29) to move pictures up/down, left/right direction in order to find the picture that you want to zoom in.

Multi-subtitle Language Function
Some DVD has multiple subtitle language, the subtitle language can be switched during playback, or subtitles can be hidden.
Press **SUB-T** button (38) during playback. The following information will be shown on the screen.

▥ [1 ENGLISH]

Each time press the button, the subtitle switches between multiple languages recorded on the disc.
Notes:
 - Not all discs will allow changing the subtitle during playback. In these cases, select subtitle from the DVD's menu.
 - There may be a delay before the selected subtitle appears.
 - For some discs, the subtitles will be displayed even when this is set to off.
 - The language number is different

according to the disc.
 - Some discs only contain one subtitle language.

Switching the Audio Tracks
For some VCD/SVCD discs what with multiple audio tracks, you can switch the audio track temporarily during playback.
Each time press **AUDIO** button (39) during playback, the sound switches between the audio tracks recorded on the disc.

CHANNEL [STEREO]

CHANNEL [MONO L]

CHANNEL [MONO R]

Notes:
   - Some discs only contain one soundtrack language.

Multi-audio Language Function
For DVD discs what with multiple audio tracks, you can switch the audio track temporarily during playback.
Each time press **AUDIO** button (39) during playback, the sound switches between the audio tracks recorded on the disc.

◯)): [1 ENGLISH ▷◁ 2CH]

◯)): [2 ENGLISH ▷◁ 5.1CH]

Each time the button is pressed, the audio soundtrack language changes on sequential order.
Notes:
 - The language number is different according to the disc.
 - Some discs only contain one soundtrack language.
 - Not all discs will allow changing the subtitle during playback. In these cases, select subtitle from the DVD's menu.

Multi-angle Function
For some DVD discs in which scenes have been filmed from multiple angles, the angle can be switched during playback.
Press **ANGLE** button (40) during playback. The following information will be shown on the screen.

ANGLE 1

```
[📷◀]          [1/3]
```

The angle switches between the angles recorded on the disc each time the button is pressed.
Notes:
 - Some time may be required for the angle to change.
 - Depending on the disc, the angle may switch in one of two ways.
   1. Seamless: The angle switches smoothly.
   2. Non-seamless: When the angle is switched, a still picture is displayed first, after which the angle switches.
 - The angle number is different according to the disc.
 - The function only works for discs having scenes recorded at different angles.

Program Play Function

- In VCD/CD playback mode, press **PROG** button（33）can activate program edit interface as follow:
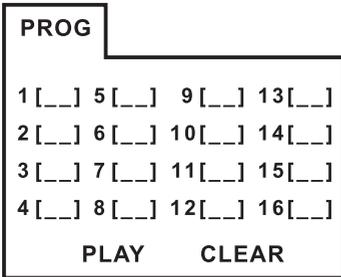
```
┌─────────────────────────┐
│  PROG                    │
│                          │
│  1 [__] 5 [__]  9 [__] 13[__] │
│  2 [__] 6 [__] 10[__] 14[__]  │
│  3 [__] 7 [__] 11[__] 15[__]  │
│  4 [__] 8 [__] 12[__] 16[__]  │
│       PLAY      CLEAR    │
└─────────────────────────┘
```

Use ▲/▼, ◀/▶ cursor button to select the item that you want to program.
1). The item you selected will become highlight.
2). Input the track number that you want to program by numeric buttons (0-9) on the remote control.
3). Press ▲/▼, ◀/▶ cursor buttons to move to "PLAY" operation button and then press **ENTER** button (30) to program playback.

- In DVD/MP3 playback mode, press **PROG** button (33) to activate program
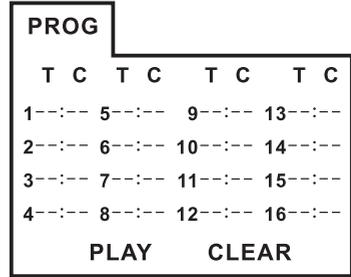
edit interface as follow:

```
┌─────────────────────────┐
│  PROG                    │
│   T  C   T  C    T  C    T  C │
│  1--:-- 5--:--  9--:-- 13--:-- │
│  2--:-- 6--:-- 10--:-- 14--:-- │
│  3--:-- 7--:-- 11--:-- 15--:-- │
│  4--:-- 8--:-- 12--:-- 16--:-- │
│       PLAY      CLEAR    │
└─────────────────────────┘
```

Use ▲/▼, ◀/▶ cursor button to select the item that you want to program.
1). The item you selected will become highlight.
2). Input the track number that you want to program by numeric buttons (0-9) on the remote control.
3). Press ▲/▼, ◀/▶ cursor buttons to move to "PLAY" operation button and then press **ENTER** button (30) to program playback.

Frequently Asked Questions
– When inserting a DVD disc, why it can't be played, just showing "region error"?
   It is because that the DVD player and the discs all have the "REGION CODE". If the region number described on the DVD disc does not correspond to the region number of this DVD player, the unit cannot play the disc.
– When inserting a DVD disc, there is a window shown on the screen that requires entering 4 characters password, why?
   It is because that the current disc has "Parental Control" level, and the player's parental level is set below the level of the disc, you should enter the correct password to play the disc normally.
NOTE:
For how to set the "Parental Control" level, please refer to "Parental Control" on page 17.

Data Disc Play Operation

When you insert a data disc including audio (MP3), movie (MPEG), picture (JPG) files into the disc slot, the following media play window will be shown on the screen:
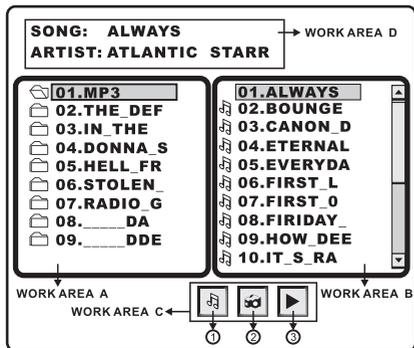
Explain as follows:
Work area A: *folders list*
Work area B: *files list*
Work area C:
(1): playback audio mode (default)
(2): viewing picture mode
(3): playback movie mode
Work area D: *file information display*

1. Press ◄/► button to move between work area A, work area B and work area C.
2. Press ▲/▼ button to select the desired folder or file of this work area.
3. Press **ENTER** button (30) to confirm the selected item.
4. In viewing picture or playback movie mode, if you want to return to the previous menu, press ■ (STOP) button.

Operation of USB device

This disc player offers you an USB port (26). A USB device can be connected through this slot.

Using the USB driver:
When you insert an USB device into the USB port (26), the DVD player will read the USB automatically.
The unit gives priority to the latter. If insert a disc into the disc slot (4) while read the USB device, the unit will play the disc. Press ■ (21) button to enter into PRE-STOP mode, then press **GOTO** button to switch to the reading USB mode.

Note:
When reading the USB device, please don't touch or take out the device.
If following the instruction above, the unit can't still read the device, please check if the device is in good condition, or take out the device then insert it into the USB port (26) once more.
✐ The main unit can only support the standard USB-memory disc which is approved by Microsoft.
✐ USB MP3 player is not a standard which means different brand name or different models have their own standard. So our product may not support every MP3 player.
✐ When connecting an MP3 player and there has normal battery in the player (non rechargeable battery), you should remove the battery from the MP3 player then connect it to the USB port. Otherwise, it may cause battery burst.
✐ When in USB play mode, be sure not to remove the USB device from the USB port.

Operation of Memory Card

This disc player offers you a memory card slot (41).

Using the SD/MMC card:
When you insert a SD/MMC card into the memory card slot (41), the DVD player will read the SD/MMC card automatically. The unit gives first priority to the latter. If insert a disc into the disc slot (4) while read the SD/MMC card, the unit will play the disc. Press ■ (21) button to enter into PRE-STOP mode, then press **GOTO** button to switch to the reading card mode.

Note:
When reading the memory card, please don't touch or take out the card.
If following the instruction above, the unit can't still read the card, please check if

the card is in good condition, or take out the card then insert it into the card slot once more.

AV In Operation

This disc player offers you the option of using the auxiliary A/V input jack to connect a video game, digital camera/camcorder or other units you wish to use in your automobile audio/video system.

1).To connect with a automobile audio/video system by AV IN cable.

2**)**.Press the **MODE** button (13) to toggle the **AV IN** mode on or off.

TV Operation

Press **MODE** button (13) to switch to TV mode. In TV mode, the function of the buttons served in DVD mode is locked.

Searching Channels
Pressing **GOTO** button will enter into automatically searching state. Then press ▶▶ button (19) to start searching TV channels and press ◀◀ button (18) to stop searching.

Selecting Channels
 - Press ▶▶ button (19) to choose channel upward, press ◀◀ button (18) to choose channel downward.
 - Type two digits to select desired channel by the corresponding numeric button (32).

Volume Adjustment
Press **VOL+/VOL-** button (6) adjust volume level.

Mute
Press **MUTE** button (2) to mute the sound, press this button again to resume previous volume level.

Attachment

1. About Parental Control
DVD discs have a parental level assigned to the disc. The range of parental controls is from 1 to 8.

The player can be set in a similar way. If the player's parental level is set to 8 it will play all discs. If the player's parental level is set below 8, only discs with a lower or equal parental level can be played.

For example if the player is set to 5, only discs with parental control ratings of 5, 4, 3, 2, & 1 can be played. To play a higher rated disc you must change the player's rating to a higher number.

For example, consider a disc that generally is suitable for most audiences, and is rated as level 2 for the most part. However in the middle there are also scenes rated at 5 & 7 that are not fitting for children, it will be cleared or replaced by the other fitting scene automatically.

The player plays the highest rated scene that the parental setting allows.

A section of the disc can have several different sequences that vary in parental control level. In the above example of a disc with parental control, the player will show a different section depending on the parental control level set in the player's menu.

In this way parents can control the content of films and there is no indication that any censorship has occurred.

The meaning of the levels 1 to 8 varies depending upon the country and the type of content on the disc.

The parental control levers are:

	Unlock		Unlock
1	KID SAFE	5	PG-R
2	G	6	R
3	PG	7	NC-17
4	PG 13	8	ADULT

2. About MP3

What is MP3?

MP3, whose official name is "MPEG-1 Audio Layer 3," is a compression standard prescribed by the ISO, the International standardization organization and MPEG which is a joint activity institution of the IEC. MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realizes such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

Method for creating MP3 files

Audio data is compressed by using MP3 specified software. For details on creating MP3 files, refer to the user's manual for that software.

MP3 files that can be played back by this device have the file extension "MP3". Files with no extension cannot be played back.

Supported playback sampling rates and bit rates

MP3:

Sampling rates: 32 KHz - 48 KHz

Bit rates: 32 + 320 kbps

Producing MP3 discs

MP3 files are prepared, and then written to a CD-R or CD-RW (DVD-R/DVD-RW) using CD-R writing software. A disc can hold up to 1024 files /256 folders (including root folders).

Corresponding file systems

This device supports discs formatted with iso9660 level 1 or level 2.

Under the iso9660 standard, there are some restrictions to remember.

The maximum nested folder depth is 8 (including the root directory). The number of characters for a folder/file names are letters A-Z (all caps), numbers 0-9, and '_' (underscore).

This device also can play back discs in Joliet, Romeo, etc., and other standards that conform to iso9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

Setup

In DVD mode, when the disc is playing or in stop mode, press **SETUP** button (31) to enter setup menu.

1. When the cursor is on the topside, use ◄/► buttons to move between the different pages.

2. Press ▼ button to move the cursor to the setup page below and then you can use ▲/▼ buttons to move between the different setup options.

3. Press ► or ENTER button to move to the choice list of each setup option, and then use ▲/▼ buttons and **ENTER** button to change your selection.

4. When the setting is complete, press **SETUP** button (31) to return to normal mode.

* When settings are changed, old settings are overwritten. Make a note of the current settings before making changes. If the vehicles battery is disconnected, the settings will be cleared and will return to the factory settings.

System Setup

When you open the setup menu, you will see the system setup page at first, see below:

SYSTEM SETUP
TV SYSTEM
SCREEN SAVER
TV TYPE
PASSWORD
RATING
DEFAULT
EXIT SETUP

TV SYSTEM

TV SYSTEM is used to select the TV output mode. This player can play discs recorded in either PAL or NTSC formats.

Select NTSC format, when the unit is connected to NTSC TV.

Select PAL format, when the unit is connected to PAL TV.

17

Select AUTO format, the player TV output
Change the TV mode among NTSC, PAL
and AUTO. The default setting is NTSC
format.

SCREEN SAVER
Change the SCREEN SAVER on or off.

SETTING the TV TYPE
Use the procedure described below to set
the output screen according to the type of
TV monitor being used.
Setting contents: 4:3PS /4:3LB /16:9.
For some discs, the picture may not be
set to the selected screen size. (For
details, refer to the explanation on the
disc's jacket.)
4:3 PS (PAN SCAN)
Select this when connected to a
conventional 4:3size monitor. The picture
will fill the entire TV screen. However,
due to the mismatch in aspect ratio, parts
of the movie at the extreme left and right
sides will not be visible (when playing a
16:9 size movie).

This is selected upon shipment from the
factory.
4:3 (LETTER BOX)
Select this when connected to a
conventional 4:3 size (normal TV aspect
ratio) monitor. There may be black bands
visible at the top and bottom of the
screen (when playing a 16:9 size movie).
The width of these stripes will depend
upon the original aspect ratio of the
theatre release of the movie.

16:9
Select this when connected to a wide
screen TV.

Password
Change the password locking or
unlocking. Inputting numbers are
dispalyed as "XXXX". The default
password is "0000".

SETTING the Rating Level (Parental
Control)
Use this function to restrict the viewing of
movies to children of appropriate age
levels only.
1) Press ▲ or ▼ button to select
"**PASSWORD**" then press **ENTER** button.
2) The password input mode is activate.
Use the numeric keypad "0" to "9" to input
the 4-digit password, and then press
ENTER button. The default password is
"0000" upon shipment from the factory.
3) Press ▲ or ▼ button to select
"**RATING**" then press **ENTER** button.
The restriction level（parental level）
input display appears.
4) Press ▲/▼ button to select the
restriction level (1 to 8), and then press
ENTER button.
5) When the setting is complete, press
SETUP button to return to normal mode.

DEFAULT
Restore the system setup to the default
setup.

Language Setup

When you open the language setup
menu, you will see the language setup
page:

```
┌─────────────────────────┐
│    LANGUAGE SETUP        │
├─────────────────────────┤
│ OSD LANGUAGE            │
│ AUDIO LANG              │
│ SUBTITLE LANG          │
│ MENU LANG              │
│ DIVX [R] VOD           │
│                        │
│ EXIT SETUP             │
└─────────────────────────┘
```

You can change the OSD/ AUDIO/ SUBTITLE/ MENU language:

OSD LANGUAGE:
ENGLISH/GERMAN/SPANISH/FRENCH/PORTUGUESE/ITALIAN/RUSSIAN/POLISH

AUDIO LANG:
ENGLISH/GERMAN/SPANISH/FRENCH/PORTUGUESE/ITALIAN/RUSSIAN/POLISH

SUBTITLE LANG:
ENGLISH/GERMAN/SPANISH/FRENCH/PORTUGUESE/ITALIAN/RUSSIAN/POLISH

MENU LANG:
ENGLISH/GERMAN/SPANISH/FRENCH/PORTUGUESE/ITALIAN/RUSSIAN/POLISH

Audio Setup

When you open the AUDIO menu, you will see the following picture:

```
┌─────────────────────────┐
│    AUDIO SETUP           │
├─────────────────────────┤
│ AUDIO OUT              │
│ KEY                    │
│                        │
│ EXIT SETUP             │
└─────────────────────────┘
```
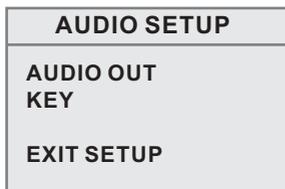
1) AUDIO OUT: Change among SPDIF/OFF, SPDIF/RAW and SPDIF/PCM.
2) KEY: Change among b,-4, -2, 0, +2, +4, #.

Digital Setup

When you open the DIGITAL SETUP menu, you will see the DIGITAL SETUP page:

```
┌─────────────────────────┐
│    DIGITAL SETUP         │
├─────────────────────────┤
│ OP MODE               │
│ DYNAMIC RANGE         │
│ DUAL MONO             │
│                        │
│ EXIT SETUP             │
└─────────────────────────┘
```
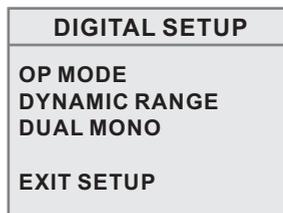
1). OP MODE: Change among LINE OUT/RF REMOD.
   - LINE OUT: LINE OUT mode, with digital dialog normalization.
   - RF REMOD: RF REMODULATION mode, with heavy compression and digital dialog normalization.
2). DYNAMIC RANGE: Change among FULL, 6/8, 4/8, 2/8, OFF.
3). DUAL MONO: Change among STEREO, MONO L, MONO R, MIX MONO.

Bluetooth function Tipwizard

1. PAIR
During pairing, please input pairing PIN code "8888" and confirm in your mobile phone.

2. CONNECT
The bluetooth module can auto connect with your mobile phone so long as you activate the bluetooth of the mobile phone. If connecting success, "CON OK" will be visible on the LCD of this unit, otherwise, it will appear "NO CONT" on the LCD. Meanwhile, the "BT" and " 🚫 " twinkle continuously on the LCD display.

3. DIAL CALL
3.1 Dial with the mobile phone directly.
3.2 Dial with the remote controller.
3.2.1 At connect status, press the " ☎ " button (42) to activate bluetooth mode, the "CONNTED" will be shown on the LCD display.
3.2.2 Press "0~9" button on the remote control to input telephone number. Simultaneity, the input number will be appeared on the LCD. If a number is wrongly input, press the DEL button (21) to delete the incorrect number.
3.2.3 press the " ☎ " button to execute dialing.

4. Accept / Reject / End call
4.1 Accept call
When a ring comes, press the " ☎ " button to switch on the calling.
4.2 Reject call
When a ring comes, press the " ☎ " button (40) to reject the coming call.
4.3 End call
When you are talking, press the " ☎ " button to hang up the current call.

5. Call Transfer
During talking status, you can transfer talking to private listening on your phone from your car audio by pressing the " ☎ " button; press the " ☎ " button again to get back to car audio.

6. BT MENU
At connect status, press the **BT MENU** button (31) on the remote control to enter bluetooth menu. The structure of the blue tooth menu as follows:

PRES   06: Preset number list.
RECV   06: Received call list.
DIAL   06: Dialed call list.
MISS   06: Missd call list.
AUTO ON/OFF: Switch auto answer or manual answer.

Use ▲/▼ cursor button to select the item. Press the **ENTER** to enter the current menu item. Press the **ZOOM** button (28) to exit from current menu. Press the **BT MENU** button exit bluetooth menu.

a) Select preset number list:
You can select the next or prev phone number that stored on preset number list by pressing the ▲/▼ button.

b) Edit preset number list:
Press **ENTER** to enter preset number list. You can see **NONUMBER**(1-6) on the LCD if you haven't stored any phone number. Then press **ENTER** again to enter editing status. Press 0~9, # or * to edit phone number, (pressing and holding the + (14) button, when you want to input " + ") . Simultaneity, the inputted number will be appeared on the LCD. If a number is wrongly input, press the DEL button (21) to delete the incorrect number. After the entire phone number has been input, press the **ZOOM** to save the phone number. Press **ZOOM** again to exit from phone editing status.

c) Dial phone number of menu list:
When you look around the preset number or received list or dialed list or missed list, you can dial any phone number on the lists by pressing " ☎ " button.

d) Switch auto or manual answer
Select auto answer or manual answer the coming phone by pressing ◄/► after enter this preset item.

7. Voice dialing function
If your mobile phone support voice dialing function, you can dial a phone number by voice dialing.

Remark:
Please operate the voice dial function according to your mobile phone manual.

8. A2DP Function
If your mobile phone support **A2DP** function (Advance Audio Distribution Profile) that it is special designed for transmitting stereo music to bluetooth device. You can listen to the music stored in your mobile phone by this car audio.

The ▶︎❙❙ , ▶▶/❙◀◀ and ■ button are available in A2DP playback status.
Press the **MODE** button to switch to other mode.

Remark:

Please be sure that the distance between Your mobile phone and car audio is less 3 meters.

Trouble Shooting

If it appears that your DVD unit is faulty, first consult this checklist. It may be that something simple has been overlooked.
Do not try to repair the player by yourself, as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.

No Power
?   If the power supply is connected to the car accessory circuits, but the engine is not moving, switch the ignition key to "ACC".
? Check if the fuse is blown. Then replace the new fuse.
? Check if the on/off button on the front of the player is set to on.

No Picture
?   Check if the monitor or TV is switched on.
? Check if select proper mode, such as Disc Play mode and AV mode.
? Check the video connection.

Distorted Picture
?   Check the disc for fingerprints and clean with soft cloth, wiping from centre to edge.
? Sometimes a small amount of picture distortion may appear. This is not a malfunction.

Completely Distorted Picture
?   The disc format is not matching up to the TV-set used (PAL/NTSC).

No Color in Picture
?   The disc format is not matching up to the TV-set used (PAL/NTSC).

Disc Does Not Play
?   Ensure the disc label is upwards.
? Clean the disc.
? Check if the disc is defective by trying another disc.

No Sound
?   Check audio connections.
? If using a HIFI amplifier, try another sound source.

Distorted Sound from HIFI Amplifier
?   Check to make sure that no audio connections are made to the amplifier phono input.

The Player Does Not Respond To the Remote Control

?   Aim the remote control directly at the sensor on the front of the player.
? Avoid all obstacles which may interfere with the signal path.
? Inspect or replace the remote control battery.

Distorted or B/W Picture
?   The disc format is not according to the TV-set used (PAL/NTSC).

No Audio at Digital Output
?   Check the digital connections
? Check the Digital Audio menu to make sure that the digital output is correctly set.
? Check if the audio format of the selected audio language matches your receiver's capabilities.

Buttons Do Not Work
?   Press Reset button on the housing of the DVD unit.

The Radio Does Not Work
?   Check if the antenna cable is connected firmly.

The Radio Station Automatic Selection Does Not Work
?   If the signals are too weak, select a station manually.

Specification

1. GENERAL
Power Supply Requirements
  DC 12 Volts, Negative Ground

Chassis Dimensions
  178(W)x160(D)x 50(H)

Tone Controls
  - Bass (at 100 Hz) ±10 dB
  - Treble (at 10 KHz)±10 dB

Maximum Output Power
  4x60 watts

Current Drain
  15 Ampere (max.)

2. DVD PLAYER
Signal to Noise Ratio
  > 55 dB

Channel Separation
  > 40 dB

Frequency Response
  20Hz - 20 KHz

3. RADIO

FM
Frequency Coverage
   FM: 87.5 - 107.9 MHz

IF
  10.7 MHz

Sensitivity (S/N=30dB)
   4µV

Stereo Separation
   >25dB

AM
Frequency Coverage
  530 - 1710 KHz

IF
  450 KHz